

8 a computer operably coupled to access the mobile position, raster, and vector
9 information, configured to provide interrelated position data regarding at least one of the
10 plurality of mobile units.

N.E. 1 22. The database system of claim 21 coupled to a fleet management system
2 configured to operate a fleet of the plurality of mobile units.

N.E. 1 23. The database system of claim 21 coupled to a wireless communication
2 server configured to communicate with the plurality of mobile units.

N.E. 1 24. The database system of claim 23 wherein the wireless communication
2 server is configured to use a two-way messaging device for communicating to one of the
3 plurality of mobile units.

N.E. 1 25. The database system of claim 21 coupled to a monitoring system
2 configured to provide information regarding the database system.

N.E. 1 26. The database system of claim 25 wherein the monitoring system is
2 configured to perform system maintenance.

N.E. 1 27. The database system of claim 21 coupled to a routing system configured
2 to select an appropriate route for a selected one of the mobile units.

N.E. 1 28. The database system of claim 27 wherein the routing system utilizes
2 routes from a list comprising a fixed route, scheduled route, and optimized route.

N.E. 1 29. The database system of claim 27 wherein the selected route includes
2 street data from the vector information.

NE 1 30. The database system of claim 21 coupled to a dispatch management
2 system configured to manage the computer aided dispatching.

NE 1 31. The database system of claim 21 coupled to a dispatch management
2 system configured to manage the computer aided dispatching.

N.E. 1 32. The database system of claim 21 further including a display operably
2 couple to the computer, the display comprising a first and a second display segments, the first
3 display segment comprising a digitized representation of a raster map retrieved from the raster
4 information and a plurality of user locatable marks, each of the plurality of user locatable
5 marks representing of one of the plurality of mobile units at a mobile unit position, the second
6 display segment comprising vector text data retrieved from the vector information for at least
7 one of said plurality of mobile units.

N.E. 1 33. The database system of claim 32 wherein the mobile unit position is for
2 a predetermined time period.

N.E. 1 34. The database system of claim 32 wherein each of the user locatable
2 marks is an icon.

N.E. 1 35. The database system of claim 32 wherein the first and second display
2 segments are simultaneously displayed.

N.E. 1 36. The database system of claim 21 wherein each of the plurality of mobile
2 units comprises a navigation tracking device, the navigational tracking device including a
3 microprocessor operably coupled to a global positioning system (GPS) navigational sensor and
4 a mobile radio modem operably coupled to the microprocessor.

N.E. 1 37. The database system of claim 21 wherein the position data includes a
2 first value and a second value, the first value being a latitude position and the second value
3 being a longitude position.

N.E. 1 38. The database system of claim 21 wherein the vector information
2 includes a street name.

N.E. 1 39. The database system of claim 21 wherein the vector information
2 includes a block number.

N.E. 1 40. The database system of claim 21 wherein the vector information
2 includes a major street cross-section.

N.E. 1 41. A database system for computer aided dispatching comprising:
2 mobile position information, including position data about a plurality of mobile
3 units;
4 raster information, including digitized data about a first selected segment of
5 interest;
6 vector information, including intelligent data about a second selected segment
7 of interest;
8 a computer operably coupled to access the mobile position, raster, and vector
9 information, configured to provide interrelated position data regarding at least one of the
10 plurality of mobile units;
11 a fleet management system operably coupled to the mobile position, raster, and
12 vector information, configured to operate a fleet of the plurality of mobile units; and
13 a dispatch management system operably coupled to the mobile position, raster,
14 and vector information, configured to manage the computer aided dispatching.

N.E. 1 42. The database system of claim 41 coupled to a routing system configured
2 to select an appropriate route for a selected one of the mobile units.

1 43-45. (Hereby Canceled)

E' 1 2346. (Amended) A database system for computer aided dispatching
2 comprising:
3 mobile position information, including position data about a plurality of mobile
4 units;
5 vector information, including intelligent data about a selected segment of
6 interest;

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a computer operably coupled to access the mobile position and vector information, configured to provide interrelated position data regarding at least one of the plurality of mobile units; and

a fleet management system operably coupled to the computer, configured to operate a fleet of the plurality of mobile units,

wherein the database system is [The database system of claim 43] coupled to a monitoring system configured to provide information regarding the database system.

47. The database system of claim 46 wherein the monitoring system is configured to perform system maintenance.

2548. (Amended) A database system for computer aided dispatching comprising:
mobile position information, including position data about a plurality of mobile units;
vector information, including intelligent data about a selected segment of interest;
a computer operably coupled to access the mobile position and vector information, configured to provide interrelated position data regarding at least one of the plurality of mobile units; and

a fleet management system operably coupled to the computer, configured to operate a fleet of the plurality of mobile units,

wherein the database system is [The database system of claim 43] coupled to a routing system configured to select an appropriate route for a selected one of the mobile units.

49. The database system of claim 48 wherein the routing system utilizes routes from a list comprising a fixed route, scheduled route, and optimized route.

50. The database system of claim 48 wherein the selected route includes street data from the vector information.

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